# Department of Public Works and Transportation Montgomery County, Maryland

# **DIVISION OF SOLID WASTE SERVICES**



Program Specialists receive training for conversion to field use laptops.

# MONTHLY REPORT APRIL 2006

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## **OVERVIEW**

#### Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2006 began July 1, 2005.)

| FACILITY                                   | Apr FY06    | FY06 Total   | Apr FY05    | Apr FY04    |
|--|-------------|--------------|-------------|-------------|
| Materials Recovery Facility <sup>(1)</sup> | 7,433 tons  | 81,960 tons  | 7,798 tons  | 7,567 tons  |
| Brunswick Landfill Facility <sup>(2)</sup> | 25,130 tons | 218,548 tons | 22,739 tons | 28,127 tons |
| Resource Recovery Facility <sup>(3)</sup>  | 50,051 tons | 508,335 tons | 42,059 tons | 51,236 tons |
| Yard Trim Compost Facility                 | 3,838 tons  | 69,828 tons  | 6,072 tons  | 5,409 tons  |

<sup>(1)</sup>MRF tons reported are outgoing.

#### **Revenue Analysis and Systems Evaluation** – During April, program staff:

- Researched 308 new properties and entered billing changes into database;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in April;
- Updated Access<sup>™</sup> databases and Excel<sup>™</sup> spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for April 2006 totaling \$1,502,749.80 (a decrease of \$4,573.40 over April 2005);
- Updated Aging Report (30-day arrearage was \$0.00 as of 5/16/06);
- Reconciled the first nine months of FY06 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- Continued work on CY05 System-Wide Materials Accounting and Recycling Rate Calculation;
- Continued analysis on Annual Average Unit Cost historical trends;
- Completed Task Order 24 to study the feasibility of alternative methods for assessing and collecting the non-residential system benefit charges and mailed to consultant;
- Continued Strategic Planning work assessing future needs;
- Prepared answers to Council Staff questions about FY07-FY12 Budget and Rate Model;
- Drafted revised FY07-FY12 Budget and Rate Models to reflect future year operating cost reductions due to new (April 13, 2006) electricity sales agreement

<sup>(2)</sup> This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

<sup>&</sup>lt;sup>(3)</sup>RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

of the Northeast Maryland Waste Disposal Authority, including recommended rate and fiscal plan revisions for consideration by OMB;

- Worked with Public Information Office on above; and
- Drafted the FY07 Replacement Reserve Calculation and forwarded to the Consultant Engineer for certification.

## **CITIZEN COMMITTEES**

<u>Dickerson Area Facilities Implementation Group</u> – DAFIG met on March 14<sup>th</sup> at the Gothic Dairy Barn in Dickerson; 11 FIG members and 5 County staff were in attendance. Topics discussed included the Cumulative Health Risk Assessment by ENSR, the Draper property lease and Site 2 ponds.

The next DAFIG meeting will be held on June 13, 2006, at the Gothic Dairy Barn in Dickerson.

<u>Solid Waste Advisory Committee</u> – SWAC held its regular monthly meeting on Tuesday, April 4<sup>th</sup>, in the Executive Office Building Lobby Level Auditorium. Twelve SWAC members and four County staff were in attendance. Members discussed the County Executive's FY07 Recommended Operating Budget and approved a draft letter to the County Council that included their comments.

### **COLLECTIONS**

**News** – There were no holidays or weather interruptions of collections in April.

Approximately 300 of the smaller paper carts have been distributed to townhouse residents who had requested a cart. More single family and townhouse carts are on order.

#### **Contractor Performance**

| April 2006 Miss Total | 206  |
|-----------------------|------|
| April 2005 Miss Total | 407  |
| Difference            | -201 |

**Enforcement Actions** - Three citations were issued for violation of the County's Solid Waste Laws:

Two Collecting and/or transporting solid waste within the county without a

valid collectors tag attached to the vehicle.

One Operating a collection vehicle without a tight-fitting cover.

One NOV was issued for finding a vehicle to be in an unsafe physical, mechanical or sanitary condition.

#### Call Center

| Calls received        | 7,838 |
|-----------------------|-------|
| E-mails received      | 1,373 |
| Blue bins distributed | 870   |

**Residential Paper** – These are the paper recycling figures for the past 52 weeks.

| Dates             | POUNDS PER<br>HOUSEHOLD | CORRESPONDING PERIOD PREVIOUS YEAR |
|-------------------|-------------------------|------------------------------------|
| 4/11/05-5/6/05    | 12.40                   | 10.58                              |
| 5/9/05-6/3/05     | 12.35                   | 10.96                              |
| 6/6/05-7/1/05     | 11.80                   | 9.97                               |
| 7/4/05-7/29/05    | 11.40                   | 9.49                               |
| 8/01/05-8/26/05   | 11.72                   | 10.09                              |
| 8/29/05-9/23/05   | 12.65                   | 11.34                              |
| 9/26/05-10/21/05  | 12.96                   | 10.98                              |
| 10/24/05-11/18/05 | 13.19                   | 11.74                              |
| 11/21/05-12/16/05 | 13.45                   | 11.94                              |
| 12/19/05-1/13/06  | 13.14                   | 12.05                              |
| 1/16/06-2/10/06   | 12.26                   | 10.71                              |
| 2/13/06-3/10/06   | 11.67                   | 11.05                              |
| 3/13/06-4/07/06   | 11.93                   | 11.76                              |

#### Public Outreach

<u>Survey Cards</u> – 318 survey cards were distributed in April; received 80 back for a return rate of 25.2%. Of the residents that responded, 76.0% rated our services and programs as either excellent or good.

#### Comments from Survey Cards

I would like a commercial shredder available at the Transfer Station on Rockville Pike to dispose of documents.

I'm surprised to see that only limited types of plastics are recycled. We need to move toward collecting all plastics with a recycling triangle.

It would be helpful if MC would take plastic in addition to PETE and HDPE and/or would take HDPE bags as well as bottles.

County trash is fair to poor. They often leave litter in front of the house.

#### Excellent trash service!

No problems and we're very thankful that you pick up just about all our needed discards. We've lived in several states and many different areas. This is one of the best. I am very grateful that the County has a recycling program! The paper cart is great.

I appreciate your service. The men come to my garage door to pick up regular trash etc. This helps my arthritis problem.

<u>Website Survey</u> – For the month of April, 24 residents responded to our website survey. The following are percentages of the results:

| <b>Curbside Programs</b> | Excellent | Good  | Acceptable | Poor  | Unacceptable |
|--------------------------|-----------|-------|------------|-------|--------------|
| Blue Bin                 | 66.7%     | 33.3% | 0.0%       | 0.0%  | 0.0%         |
| Blue Cart                | 44.4%     | 33.3% | 0.0%       | 11.1% | 11.1%        |
| Yard Trim                | 35.3%     | 17.6% | 17.6%      | 17.6% | 11.8%        |
| Scrap Metal              | 33.3%     | 33.3% | 0.0%       | 0.0%  | 33.3%        |
| County Trash Service     | 47.3%     | 47.3% | 0.0%       | 5.4%  | 0.0%         |
| Recycling Crew           | 58.3%     | 37.5% | 0.0%       | 4.2%  | 0.0%         |
| County Trash Crew        | 33.3%     | 58.3% | 0.0%       | 8.3%  | 0.0%         |
| Call Center Staff        | 62.5%     | 31.3% | 6.3%       | 0.0%  | 0.0%         |

| <b>Residents Familiar With These Programs</b> | Yes   | No    |
|---|-------|-------|
| HHW   | 87.0% | 13.0% |
| Holiday Slide Schedule                        | 83.3% | 16.7% |

#### Comments from Website Surveys

Personnel assigned in the customer service phone line are ethical and handle calls in a professional manner. I'd like to extend my appreciation.

I really did not expect an answer to my grass and trim recycle problem within the hour. Now that is real customer service!

I'm very happy with Montgomery County Recycling Services. I'm always surprised at the lack of such service elsewhere.

It would be nice for you to distribute the brochures about what you do take in the recycling program since I am never sure what numbers of plastics you take, etc.

Covered bins like the blue bin would be nice for regular recycle bottles and cans -- on windy days the stuff blows all over the neighborhood!

<u>Website</u> - The following is information gathered from the Montgomery County Solid Waste website through the month of April:

E-mail List Memberships

| Topic             | Members | New Sign-Ups |
|-------------------|---------|--------------|
| Holiday Reminder  | 5,866   | 101          |
| HHW Announcements | 2,018   | 54           |
| Newsletter Helper | 775     | 29           |
| Facility Updates  | 337     | 17           |

#### Solid Waste Services Website

| Unique Visitors | 23,098 |
|-----------------|--------|
| Page Loads      | 94,531 |

#### Most Popular Web Pages

| 1. How to recycle/dispose of                |
|---|
| 2. Trash                                    |
| 3. HHW                                      |
| 4. Latex paint                              |
| 5. Special collections/bulk trash           |
| 6. Transfer Station fees                    |
| 7. Holidays                                 |
| 8. Transfer Station map and directions      |
| 9. Curbside recycling                       |
| 10. Use It Again database – at-home pickups |

<u>New web shortcuts</u> - Created in mid-April, we now have two new shortcuts available to popular topics and frequently-visited web pages. These are:

- Trash: Bulk Collections <u>www.montgomerycountymd.gov/bulktrash</u>
- How to Recycle/Dispose of Scrap Metal <u>www.montgomerycountymd.gov/scrapmetal</u>

#### Comments from e-mails

This [email notification] is an excellent service; please keep it going! I appreciate the detail regarding updates and changes generally. It lends confidence to knowing the accuracy of locations and schedules, generally. Also, I think it's important to tell you that your service has value.

My online request was acknowledged immediately and fulfilled within 48 hours. Thank you! Also, the County website is excellent.

## **WASTE MINIMIZATION**

<u>**Department of Environmental Protection's Home Composting and Source Reduction Activities** – Participated in the following Earth Day events: April 20<sup>th</sup> - Kingsview Middle School, Germantown (Green Day at Kingsview); April 21<sup>st</sup> – Earth Day Media Event with County Executive Duncan, Councilmembers, and others (held at Sligo</u>

Community Center to demonstrate several rain gardens); April 21<sup>st</sup> – Earth Day event at North Chevy Chase Elementary School (indoor activities and garden planting).

The GreenMan Show continues to air daily on Cable Channel 6, with online streaming video and access to past shows via online archives. The show is available to 205,000 cable subscribers within Montgomery County.

The GreenMan Column continues in the Montgomery County and Frederick County editions of the Gazette Newspapers. The column is also accessible online via <a href="https://www.greenmanshow.com">www.greenmanshow.com</a> and at <a href="https://www.gazette.net">www.gazette.net</a> under "Columns."

#### **Waste Minimization Activities at the Transfer Station**

| Product Recycled                             | Approximate weight recycled in April 2006 |
|--|---|
| Computers                                    | 32.7 tons                                 |
| Fire Extinguishers                           | None                                      |
| Propane Tanks                                | 1.8 tons                                  |
| Textiles                                     | 11.4 tons                                 |
| Construction Materials (Don't Dump – Donate) | 4.1 tons                                  |
| Bicycles                                     | 0.6 tons                                  |
| Rechargeable Batteries                       | None                                      |

## **HAZARDOUS WASTE PROGRAMS**

<u>Household Hazardous Waste Collection</u> – In April, 4,435 patrons used the regular HHW drop-off program at the Transfer Station. There were 7.2 tons of oil-based paint collected and 13.0 tons of other hazardous wastes.

<u>Mercury (Hg) Free Campaign</u> – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW drop-off sites.

<u>Small Quantity Generator/Ecowise Program</u> – One Small Quantity Generator (SQG)/Ecowise event was held on April 12<sup>th</sup>; 7 companies participated in the event and 0.7 tons of hazardous material was collected.

# **AIR PERMITS AND ENVIRONMENTAL PROGRAM**

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations – The Continuous Emissions Monitoring System (CEMS) indicated that all 3 units operated only for 13 days in April because of scheduled spring maintenance for the units. After unit 3 was taken offline on March 29<sup>th</sup> for scheduled spring maintenance, units 1 and 2 operated until April 8<sup>th</sup>. Unit 3 was offline for 8 days undergoing maintenance work. At

approximately 2 p.m. on April 8<sup>th</sup>, the CEMS started showing emissions from unit 3 indicating that the unit was being brought online. Thereafter, all three units operated until April 19<sup>th</sup>. At approximately 9 p.m. on April 19<sup>th</sup>, the CEMS ceased to show emissions from unit 2 indicating that the unit was brought offline for scheduled maintenance. Thereafter, units 1 and 3 operated until April 29<sup>th</sup>. Unit 2 was offline for 9 days undergoing maintenance work. At approximately 2 a.m. on April 29<sup>th</sup>, the CEMS started showing emissions from unit 2 indicating that the unit was being brought online after completing maintenance work. Thereafter, all three units operated until the end of the month. One incident of elevated emissions was recorded by the CEMS in April. At approximately 11 p.m. on April 3<sup>rd</sup>, the CEMS started showing elevated CO and SO<sub>2</sub> emissions from unit 2. The operators took swift action to control the SO<sub>2</sub> emissions by increasing the lime feed rate, and the emissions came under control within two hours. The 3-hour SO<sub>2</sub> average reached 30 ppm with 90% removal efficiency which is just below the regulatory requirement of 30 ppm or >85% removal efficiency. There were no equipment malfunctions that affected stack emissions in April other than the incident discussed above.

The monthly "Opacity Test" was conducted on April 17<sup>th</sup>. The opacity test is a requirement under the RRF Title V Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Air Permit limit of 10%.

In the first week of April, the set of CEMS CD-ROMs were updated to include CEMS data up to March31<sup>st</sup>. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

<u>DAFIG-SWAC Air Quality Subcommittee</u> – DSWS and ENSR discussed responses to comments and suggestions received from the Air Quality Subcommittee and DNR on the Cumulative Health Risk Assessment report. These additional changes are being incorporated in the revised draft report. The report will be finalized in May. Copies of Final Reports will be mailed to the Regulatory Agencies (MDE and DNR) and interested citizens in June

The U.S. EPA submitted its review comments in April. EPA's letter fully endorsed the methodology and results of the Dickerson Facilities Cumulative Health Risk Assessment.

<u>Oaks Landfill Air Emissions and Energy Recovery</u> – SCS Engineers submitted gas sampling results at the Oaks Landfill for the month of April. In April, only two gas samples were taken at the flare inlet on April 20<sup>th</sup>. From a total of two gas samples, the gas flow ranged from 1007 standard cubic feet per minute (scfm) to 1014 scfm for an average flow of 1011 scfm. Methane levels were also measured on April 20<sup>th</sup> at the blower and flare inlets for a total of four measurements. From a total of four measurements of methane concentrations in the gas, the methane levels ranged from 43.2% to 51.6% for an average of 49%. SCS continues to conduct monthly gas sampling and analysis at the Oaks under the Engineering Services Contract.

#### **Contracts and RFP's**

<u>ENSR Contract</u> – Expires May 7, 2006, and will not be renewed. ENSR is currently working on two projects, the Dickerson Facilities Cumulative Health Risk Assessment and the Non-Air Media Monitoring Program. No additional work is needed on EPA's comments because the Agency fully endorsed the study. These projects are expected to be completed in June 2006.

In accordance with the recommendations of the DAFIG/SWAC Air Quality Subcommittee, the Air Monitoring Program needs to start in December 2007 and conclude in February 2008. The Non-Air Media Monitoring Program is due in 2008. The next update of the RRF Health Risk Assessment is due in 2013.

In July 2006, RFP's will be prepared for selecting a contractor for conducting the Air and Non-Air Media Monitoring Programs. In August, a RFP will be prepared for selecting a contractor for conducting the next update of the RRF Health Risk Assessment.

<u>TES Contract</u> – Expires August 13, 2006 and cannot be renewed further. A RFP was prepared in March to select a new contractor. The RFP was delivered to the Office of Procurement the last week of March and is expected to be advertised in May. Vendor responses are expected in June, and contractor selection process will take place in July. A contract will be prepared in August for Procurement's approval.

TES performed the monthly maintenance work for the month of March. All instruments including the anemometer, wind vane, temperature and dew point sensors, and the rain gauge have been performing correctly. Data recovery for all parameters was 100% for the month. The total rainfall for April was 3.29 inches.

# **RECYCLING**

<u>Public Education and Outreach</u> – QSC members reviewed the first round of task order proposals received under the recently signed Outreach Services Contracts. Recommendations for awarding the projects were forwarded to Procurement. The Division's Earth Day Celebration on Saturday, April 22<sup>nd</sup> was a success. Five-hundred thirty-five people came to the event despite the downpours and rainy forecast. There were a number of interactive exhibits about waste reduction, recycling, reuse, composting, and buying recycled. Ride On provided two hybrid buses to shuttle participants to the Recycling Center for a tour of the facility. Planning and preparations continue for Recycling Awareness Week activities which is the week of May 22<sup>nd</sup> thru 26<sup>th</sup>.

**Recycling Investigations** — Since this unit was established, 627 investigations have been conducted. In April, the Recycling Investigations Unit issued 36 NOV's for infringements against the recycling regulations and Chapter 48. No citations were issued in April.

<u>Commercial Recycling and Waste Reduction</u> — Staff conducted 462 on-site visits of businesses in April, participated in 20 events reaching 2,626 people and resolved 4 complaints. Staff continues to field verify the annual recycling reports for accuracy. Several educational brochures were revised to include the new requirements of Executive Regulation 15-04AM and should be ready for distribution by the end of May. Business recycling plans continue to be reviewed and field verified to ensure adequate recycling programs have been implemented by businesses. Staff is preparing for several upcoming projects including the SORRT Business Recycling Seminars which will be held in June.

<u>Multi-Family Recycling and Waste Reduction</u> – Staff conducted 132 on-site visits of multi-family properties in April to educate management and tenants on the County's recycling requirements. In April a total of 400 blue bins were delivered to apartment and condominium residents of multi-family properties. Staff continues to field verify annual recycling reports. In addition, staff began preparing for several upcoming projects including the TRRAC seminars which will be held in June.

<u>Mixed Paper Recycling</u> – Existing educational materials were distributed to residents at events. Larger quantities of materials were also provided to homeowner's associations and civic groups for their use and distribution.

<u>Volunteer Activities</u> – During April, 30 volunteers contributed 139 hours of their time to support recycling activities by participating in various activities such as the Division's annual Earth Day celebration on Saturday, April 22, 2006. More than 530 people attended the Earth Day event and the volunteers were critical in staffing the exhibits and displays and working the craft tables. In addition, 5 volunteers talked directly with 278 residents in their neighborhoods in Rockville, Gaithersburg and Bethesda about recycling and composting. Fifteen new volunteers were recruited in April.

## **PILOT PROGRAMS**

<u>Cooperative Collection/Alternative Collection</u> – DSWS staff reviewed the initial data compiled during the waste analysis as part of the Bethesda Cooperative Collection Project. The data revealed that the five participating businesses recycled 31 percent of their waste during the initial baseline phase of the project. The information has been compiled and a bid specification sheet has been developed and will be sent to various recycling and refuse collection companies. Proposals are due in May and the information will be presented to all of the businesses for review.

The Wheaton Cooperative Collection Project is expected to begin in early May. Procurement is finalizing the documentation for DSWS to proceed.

<u>Tubgrinding Pilot</u> – Tubgrinding of screened rejected material was conducted from February 8, 2006 thru March 6, 2006, producing 10,060 cubic yards of material; 1,635 yards were sold in April.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility** – The RRF processed 50,051 tons or 1,668 tons per day. Trash deliveries averaged 12,627 tons/week. The month began with unit 3 down for its spring outage. The unit was returned to service on the April 8<sup>th</sup> with all planned repairs completed and no unexpected findings. On April 19<sup>th</sup>, unit 2 was taken down for its scheduled spring outage. There were no unexpected findings during the inspection. All planned repairs were completed and the unit returned to service on April 29<sup>th</sup>.

There was one OSHA recordable incident during the month.

There were no generation emergencies issued by Mirant during the month. There was no need to purchase power during the month.

There were no forecasted Code Red Days during the month.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- Submitted the March 2006 Water Supply Monthly Operating Report to MDE;
- Submitted the Title V Permit renewal application to MDE;
- Submitted the 1<sup>st</sup> quarter 2006 Operations and Emissions report to MDE;
- Submitted the 1<sup>st</sup> quarter 2006 NPDES Discharge Monitoring Report to MDE; and
- Submitted the triennial Phase II/V metals and nitrate inorganic report to MDE.

Materials Recovery Facility – Approximately 1,610 tons of commingled material were shipped out and approximately 5,823 tons of mixed paper were loaded out and transferred to OPS' processing facility in April 2006. The fork lifts were painted. The hoppers were painted. The conveyor bringing material to the pre-sort area was replaced. Concrete slab repair was completed in part of the tipping area and in part of the processing area. An estimate to reinforce roof purlins in all the buildings was received. The plant was open and operating as part of the County's Earth Day celebration on April 22<sup>nd</sup> and on April 27<sup>th</sup> as part of the County's Take Your Children to Work Day field activities' program.

<u>Oaks Landfill</u> – The final design and specifications for a replacement leachate line, part of which will be a force main, to replace several thousand feet of partially blocked gravity line downgradient from the ash disposal cell was completed. DSWS completed work on the bid package for this project.

<u>Gude Landfill</u> – Gas management is now being accomplished using the new enclosed ground flare system. SCS Engineers completed installation of an expansion of the gas collection system including 20 new extraction wells in an area that has had gas

migration problems. The expanded system began operating April 26, 2006. An RFP for beneficial use of landfill gas at Gude Landfill is under legal review.

<u>Transfer Station</u> – During April, Covanta shipped via rail 52,616 tons of processible waste from the Transfer Station to the RRF; 3,801 more tons than shipped in April 2005.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

MES is still diverting a portion of the yard waste each day to a compost site in Pennsylvania in order to stay below the annual 77,000 ton cap at the Dickerson Compost Facility.

The design and specifications package for improvements to the Transfer Station, including an expansion of the tipping floor and building, two new truck scales, road improvements, scale house improvements and an additional public unloading bay was completed and delivered to the Office of Procurement for release as an RFP.

A new compactor is on order to replace one of the older units. It should be delivered and installed within the next few months.

The inbound radiation detectors had 17 alarms in April 2006. There were no false alarms (alarms that could not be re-verified) – 12 of the 17 alarms were identified as low levels of medical isotopes with short half-lives in trash and were accepted; 5 of the alarms involved drivers or passengers who had undergone recent medical tests or treatment involving radioactive isotopes and residual radiation.

<u>Site 2 Landfill Properties</u> – Coordination of the work to breach the embankments of 2 ponds located at the Site 2 properties continues. DPWT's Leasing Section continues to work on the tenant lease for the Draper Property. The current tenants declined the County's offer without attempting to negotiate terms. Numerous letters were sent to the County Executive on behalf of the tenant. The Department of Economic Development has now stepped in to lead an effort to reopen dialogue with the tenant on lease terms. Staff performed their annual site inspections of the properties. Staff received chargeback reports for the month of March 2006; there were no charges related to Site 2.

<u>Yard Trim Compost Facility</u> – In April, the Yard Trim Facility received 3,838 tons of material for composting.

Five thousand two hundred and twenty-four (5,224) cubic yards of Leafgro were shipped to distributors.

**<u>Bagging Operation</u>** – In April, 52,750 bags of Leafgro were shipped to distributors (each bag is 1.5 cubic ft. weighing 45 lbs.).

# **Out-of-County Haul**

**Brunswick County, Virginia** – During the month of April, approximately 15,240 tons of ash residue and 9,890 tons of nonprocessible waste were transported to the County's dedicated disposal cell at the BWMF Landfill in Brunswick County, Virginia. Approximately 875 tons of oversize bulky wood waste was shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, MD for recycling. An agreement was reached to recycle clean loads of asphalt with no more than 20 percent soil at the Recycling Center in Laurel, MD; 263 tons of asphalt was recycled.

## GENERAL INFORMATION

#### **Important Telephone Numbers**

General information on solid waste 240-777-6400

Customer Service 240-777-6410

Transfer Station 301-840-2370 (County Office)

301-590-1032 (Covanta) 301-330-2840 (MES)

Materials Recovery Facility 301-840-2701 (County Office)

301-417-1433 (MES)

Resource Recovery Facility 240-777-6494 (County Office)

301-916-3031 (Covanta)

Yard Trim Compost Facility 301-428-8185 (MES)

Internet for DSWS www.montgomerycountymd.gov/solidwaste

www.montgomerycountymd.gov/recycling

www.montgomerycountymd.gov/hazardouswaste

www.montgomerycountymd.gov/useitagain www.montgomerycountymd.gov/bulktrash www.montgomerycountymd.gov/scrapmetal

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

Theresa Souders
Department of Public Works and Transportation
Division of Solid Waste Services
101 Monroe Street, 6th Floor
Rockville, MD 20850

Tel: 240-777-6425 Fax: 240-777-6465

E-mail: theresa.souders@montgomerycountymd.gov

# SOLID WASTE FACTS IN A NUTSHELL

| <b>TOPIC OR FACILITY</b>  |  |
|---|--|
| Latest Tonnage of Materials Recycled in a Fiscal Year in Montgomery County                                      | 517,000 (FY05)   |
| Latest Recycling Rate Reported in Montgomery County   | 41.03% (FY05)  |
| Recycling Goal  | 50% by December 2010   |
| Resource Recovery Facility (RRF)  | Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).                   |
| Yard Trim Compost Facility  | Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY05 tons received- 76,972 |
| # Residences receiving trash collection by County contractors   | 87,147   |
| # Residences receiving collection of recyclables in blue bins and yard trim collection                          | 207,488  |
| Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc. | June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.) |

#### **GLOSSARY OF ACRONYMS**

ASME American Society of Mechanical Engineers
BWMF Brunswick Waste Management Facility, Inc.
CEMS Continuous Emissions Monitoring System

CFR Code of Federal Regulation

DAFIG Dickerson Area Facilities Implementation Group
DEP Department of Environmental Protection
DNR Maryland Department of Natural Resources
DPWT Department of Public Works and Transportation

DSWS Division of Solid Waste Services
EPA Environmental Protection Agency

ER Executive Regulation

FY Fiscal Year

HHW Household Hazardous Waste

IFB Invitation for Bid

IT Information Technology

MARC Maximum Agency Request Ceiling
MCPS Montgomery County Public Schools
MDE Maryland Department of Environment
MES Maryland Environmental Service

Mg/I Milligrams per liter

M-NCPPC Maryland National Capital Park and Planning Commission

MRF Materials Recovery Facility
MSW Municipal Solid Waste

MWCOG Metropolitan Washington Council of Governments

NIH National Institutes of Health

NMWDA Northeast Maryland Waste Disposal Authority

NOV Notice of Violation
NTP Notice to Proceed
OFA Over Fire Air

OMB Office of Management and Budget

OPS Office Paper Systems

OSHA Occupational Safety & Health Administration

PEPCO Potomac Electric Power Company

PUF Public Unloading Facility

QSC Qualification and Selection Committee

RFP Request for Proposal
RRF Resource Recovery Facility
SCA Sugarloaf Citizens Association
SHA State Highway Administration

SORRT Smart Organizations Reduce and Recycle Tons
SDAT State Department of Assessments and Taxation

SQG Small Quantity Generator

SWAC Solid Waste Advisory Committee
TES Technical Environmental Services

TRRAC Think Reduce and Recycle at Apartments and Condominiums